

|     |     |   |                                      |    |     |                  |
|-----|-----|---|--------------------------------------|----|-----|------------------|
| S57 | 0   | 2003/0086341 2003/0135513<br>2004/0074378 2004/0143349<br>2004/0172411 2004/0267522<br>2005/0017879   | US-PGPUB;<br>USPAT                   | OR | ON  | 2005/10/03 15:18 |
| S58 | 0   | ((2003/0086341) or (2003/0135513)<br>or (2004/0074378) or (2004/0143349)<br>or (2004/0172411) or (2004/0267522)<br>or (2005/0017879)).CCLS. | USPAT;<br>USOCR                      | OR | OFF | 2005/10/03 15:19 |
| S59 | 0   | us2003/0086341A1  | US-PGPUB;<br>USPAT                   | OR | ON  | 2005/10/03 15:19 |
| S60 | 0   | 2003/0086341  | US-PGPUB;<br>USPAT                   | OR | ON  | 2005/10/03 15:20 |
| S61 | 0   | US2003/0086341  | US-PGPUB;<br>USPAT                   | OR | ON  | 2005/10/03 15:20 |
| S62 | 0   | US-2003/0086341-\$.did.   | US-PGPUB;<br>USPAT                   | OR | ON  | 2005/10/03 15:38 |
| S63 | 0   | US-2003/0028796-\$.did.   | US-PGPUB;<br>USPAT                   | OR | ON  | 2005/10/03 15:39 |
| S64 | 0   | US-2003/0028796-.did.   | US-PGPUB;<br>USPAT                   | OR | ON  | 2005/10/03 15:39 |
| S65 | 1   | US-20030028796-\$.did.  | US-PGPUB;<br>USPAT                   | OR | ON  | 2005/10/03 15:40 |
| S66 | 1   | US-20030046283-\$.did.  | US-PGPUB;<br>USPAT                   | OR | ON  | 2005/10/03 15:41 |
| S67 | 1   | US-20030086341-\$.did.  | US-PGPUB;<br>USPAT                   | OR | ON  | 2005/10/03 15:42 |
| S68 | 1   | US-20030135513-\$.did.  | US-PGPUB;<br>USPAT                   | OR | ON  | 2005/10/03 15:42 |
| S69 | 1   | US-20030074378-\$.did.  | US-PGPUB;<br>USPAT                   | OR | ON  | 2005/10/03 15:43 |
| S70 | 1   | US-20030143349-\$.did.  | US-PGPUB;<br>USPAT                   | OR | ON  | 2005/10/03 15:44 |
| S71 | 1   | US-20030172411-\$.did.  | US-PGPUB;<br>USPAT                   | OR | ON  | 2005/10/03 15:45 |
| S72 | 0   | US-20030267522-\$.did.  | US-PGPUB;<br>USPAT                   | OR | ON  | 2005/10/03 15:45 |
| S73 | 1   | US-20040267522-\$.did.  | US-PGPUB;<br>USPAT                   | OR | ON  | 2005/10/03 15:46 |
| S74 | 1   | US-20050017879-\$.did.  | US-PGPUB;<br>USPAT                   | OR | ON  | 2005/10/03 15:46 |
| S75 | 741 | ((700/94).ccls.)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | OFF | 2005/10/12 14:29 |

|     |       |   |                              |    |     |                  |
|-----|-------|---|------------------------------|----|-----|------------------|
| S42 | 1826  | code-book or codebook or code adj<br>book same fourier same audio same<br>compres\$5  | USPAT;<br>EPO                | OR | OFF | 2005/04/16 13:47 |
| S43 | 1826  | code-book or codebook or code adj<br>book same fourier same audio same<br>compres\$5 same (represent\$6 adj<br>point\$4)  | USPAT;<br>EPO                | OR | OFF | 2005/04/16 13:47 |
| S44 | 2343  | code-book or codebook or code adj<br>book same fourier same audio same<br>compres\$5 same (represent\$6 adj<br>point\$4)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/16 13:48 |
| S45 | 3347  | code-book or codebook or code adj<br>book   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/16 13:48 |
| S46 | 0     | fourier same audio same compres\$5<br>same (represent\$6 adj point\$4)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/16 13:48 |
| S47 | 216   | fourier same audio same compres\$5  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/16 13:49 |
| S48 | 21    | S45 and S47   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/16 14:04 |
| S49 | 17    | S45 and S47 and point\$4  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/16 14:04 |
| S50 | 8     | "457176"  | USPAT;<br>EPO                | OR | OFF | 2005/04/18 10:43 |
| S51 | 13    | ((("5862260") or ("5987525") or<br>("5918223") or ("6061680") or<br>("6154773") or ("6161132") or<br>("6230192") or ("6230207") or<br>("6240459") or ("6304523") or<br>("6330593") or ("6505160") or<br>("6829368"))).PN. | USPAT;<br>USOCR              | OR | OFF | 2005/10/03 15:14 |
| S52 | 48280 | 2003/0086341A1 2003/0135513A1<br>2004/0074378A1 2004/0143349A1<br>2004/017241 IAI 2004/0267522A1<br>2005/0017879A1  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/10/03 15:15 |
| S53 | 0     | ((2003/0086341) or (2003/0135513)<br>or (2004/0074378) or (2004/0143349)<br>or (2004/0172411) or (2004/0267522)<br>or (2005/0017879)).CCLS.   | USPAT;<br>USOCR              | OR | OFF | 2005/10/03 15:16 |
| S54 | 0     | us-2003/0086341-\$.did.   | USPAT                        | OR | ON  | 2005/10/03 15:16 |
| S55 | 0     | us-2003/0086341-\$.did.   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/10/03 15:17 |
| S56 | 0     | us-2003/0086341/-\$.did.  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/10/03 15:18 |

|     |       |  |                              |    |     |                  |
|-----|-------|--|------------------------------|----|-----|------------------|
| S25 | 3     | peak adj ratio same audio  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/15 10:43 |
| S26 | 1     | "6570991".pn. and peak\$4  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/15 10:45 |
| S27 | 0     | "6570991".pn. and peak\$4 adj ratio  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/15 11:03 |
| S28 | 0     | "5612729".pn. and peak\$4 adj ratio  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/15 11:03 |
| S29 | 1     | "5612729".pn. and peak\$4  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/15 11:20 |
| S30 | 21124 | represent\$6 adj point\$4  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/15 11:21 |
| S31 | 165   | represent\$6 adj point\$4 same audio   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/15 11:21 |
| S32 | 51    | represent\$6 adj point\$4 same audio<br>and @ay<="2000"                            | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/15 12:16 |
| S33 | 2     | represent\$6 adj point\$4 same audio<br>same code and @ay<="2000"                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/15 11:22 |
| S34 | 988   | represent\$6 adj point\$4 and audio and<br>@ay<="2000"                             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/15 12:16 |
| S35 | 542   | represent\$6 adj point\$4 and audio and<br>code and @ay<="2000"                    | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/15 12:17 |
| S36 | 4     | represent\$6 adj point\$4 and audio and<br>code and indentif\$5 and<br>@ay<="2000" | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/15 12:17 |
| S37 | 224   | ((381/56).ccls.)   | USPAT;<br>EPO                | OR | OFF | 2005/04/16 12:02 |
| S38 | 464   | ((381/98).ccls.)   | USPAT;<br>EPO                | OR | OFF | 2005/04/16 13:44 |
| S39 | 2603  | code-book or codebook or code adj<br>book  | USPAT;<br>EPO                | OR | OFF | 2005/11/02 10:47 |
| S40 | 1835  | code-book or codebook or code adj<br>book same fourier                             | USPAT;<br>EPO                | OR | OFF | 2005/04/16 13:45 |
| S41 | 1827  | code-book or codebook or code adj<br>book same fourier same audio                  | USPAT;<br>EPO                | OR | OFF | 2005/04/16 13:46 |

|     |       |  |                                      |    |     |                  |
|-----|-------|--|--------------------------------------|----|-----|------------------|
| S76 | 4     | "6539395"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | OFF | 2005/10/12 14:29 |
| S77 | 845   | ((("84"/\$).ccls.) and signature   | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/10/12 16:53 |
| S78 | 65    | ((84/609).ccls.) and signature   | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/10/29 14:25 |
| S79 | 1     | ((84/608).ccls.) and signature   | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/10/12 16:57 |
| S80 | 14767 | bin and code   | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/10/12 16:57 |
| S81 | 2560  | bin and code and audio   | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/10/12 16:58 |
| S82 | 1121  | spectral and codebook  | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/10/12 16:59 |
| S83 | 292   | string and hash and waveform   | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/10/12 17:00 |
| S84 | .0    | S81 and S82 and S83  | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/10/12 17:00 |
| S85 | 28    | S81 and S82  | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/10/12 17:00 |
| S86 | 17    | S81 and S82 and @ay<="2000"  | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/10/12 17:01 |
| S87 | 18    | audio adj signature\$4 and fourier and @ay<="2000"                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | OFF | 2005/10/24 10:18 |
| S88 | 1936  | ((707/102).ccls.) and @ay<="2000"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | OFF | 2005/10/24 10:18 |
| S89 | 1     | ((707/102).ccls.) and audio adj signature\$4 and fourier and @ay<="2000" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | OFF | 2005/10/24 10:57 |

|          |      |   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| S90      | 13   | ((("5862260") or ("5987525") or ("5918223") or ("6061680") or ("6154773") or ("6161132") or ("6230192") or ("6230207") or ("6240459") or ("6304523") or ("6330593") or ("6505160") or ("6829368"))).PN. | USPAT;<br>USOCR                           | OR | OFF | 2005/10/24 10:57 |
| S91      | 20   | ((700/94).ccls.) and watermark\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO      | OR | ON  | 2005/10/24 15:52 |
| S92      | 649  | ((713/176).ccls.) and @ay<= "2000"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/10/26 10:45 |
| S93      | 583  | ((713/176).ccls.) and (watermark\$4 or signature or fringerprint\$5) and @ay<= "2000"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/10/26 10:47 |
| S94      | 234  | ((713/176).ccls.) and (watermark\$4 or signature or fringerprint\$5) and audio and @ay<= "2000"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/10/26 10:48 |
| S95      | 4420 | audio and waveform and spectral   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/10/26 10:49 |
| S96      | 15   | S94 and S95   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/10/26 10:49 |
| S97      | 1    | "6453252"   | USPAT                                     | OR | ON  | 2005/10/27 11:56 |
| S98      | 396  | bin and hash\$3 and spect\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/10/27 11:57 |
| S99      | 1270 | audio and hash\$3 and spect\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/10/27 11:58 |
| S10<br>0 | 252  | S98 and S99   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/10/27 11:58 |
| S10<br>1 | 115  | S100 and @ad<"20001024"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/10/27 11:59 |

|          |      |   |   |    |    |                  |
|----------|------|---|---|----|----|------------------|
| S10<br>2 | 77   | S101 and waveform   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 12:02 |
| S10<br>3 | 71   | S102 and string   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 12:02 |
| S10<br>4 | 69   | S103 and vector   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 12:02 |
| S10<br>5 | 25   | S104 and (sampl\$4 with bin)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 12:05 |
| S10<br>6 | 714  | fft with audio  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 12:05 |
| S10<br>7 | 252  | fft with (watermark\$4 or signature or<br>fingerprint\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 12:08 |
| S10<br>8 | 1    | S101 and S107   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 12:11 |
| S10<br>9 | 27   | ((713/176).ccls.) and bin and<br>@ay<="2000"              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 12:18 |
| S11<br>0 | 81   | ((707/104.1).ccls.) and bin and<br>@ay<="2000"            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/28 10:34 |
| S11<br>1 | 1525 | creat\$4 near2 signature                                  | USPAT                                     | OR | ON | 2005/10/27 15:40 |
| S11<br>2 | 3488 | creat\$4 near2 signature                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO      | OR | ON | 2005/10/27 15:40 |
| S11<br>3 | 1380 | creat\$4 near2 signature and<br>@ay<="2000"               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO      | OR | ON | 2005/10/27 15:42 |
| S11<br>4 | 8275 | bin\$1 and audio  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO      | OR | ON | 2005/10/27 15:42 |

|          |    |  |   |    |    |                  |
|----------|----|--|---|----|----|------------------|
| S11<br>5 | 69 | S113 and S114  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO      | OR | ON | 2005/10/29 14:12 |
| S11<br>6 | 0  | S115 and codebook  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO      | OR | ON | 2005/10/27 15:44 |
| S11<br>7 | 66 | S115 and select\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO      | OR | ON | 2005/10/27 15:45 |
| S11<br>8 | 1  | ((380/237).ccls.) and bin and<br>@ay<="2000"                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/28 10:35 |
| S11<br>9 | 1  | ((380/238).ccls.) and bin and<br>@ay<="2000"                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/28 10:51 |
| S12<br>0 | 4  | ((380/210).ccls.) and bin and<br>@ay<="2000"                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/28 10:35 |
| S12<br>1 | 8  | ((380/238).ccls.) and (hash or<br>segment) and @ay<="2000"     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/28 10:43 |
| S12<br>2 | 35 | ((380/236-238).ccls.) and (hash or<br>segment) and @ay<="2000" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/28 11:02 |
| S12<br>3 | 2  | ((380/236-238).ccls.) and bin and<br>@ay<="2000"               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/28 11:00 |
| S12<br>4 | 4  | ((380/209-210).ccls.) and bin and<br>@ay<="2000"               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/28 11:02 |
| S12<br>5 | 0  | ((380/53).ccls.) and bin and<br>@ay<="2000"                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/28 13:04 |
| S12<br>6 | 45 | ((380/209-210).ccls.) and (hash or<br>segment) and @ay<="2000" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/28 11:08 |

|          |      |   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| S12<br>7 | 629  | ((707/6-8).ccls.) and (hash or segment) and @ay<="2000"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/11/01 12:58 |
| S12<br>8 | 69   | ((707/6-8).ccls.) and (hash or segment) and (signature or watermark\$4 or fingerprint\$4) and @ay<="2000"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/10/28 11:18 |
| S12<br>9 | 95   | ((707/104.1).ccls.) and (hash or segment) and (signature or watermark\$4 or fingerprint\$4) and @ay<="2000" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/10/28 13:07 |
| S13<br>0 | 1    | ("6283764").PN.   | USPAT;<br>USOCR                           | OR | OFF | 2005/10/28 11:33 |
| S13<br>1 | 1    | ("6532477").PN.   | USPAT;<br>USOCR                           | OR | OFF | 2005/10/28 11:34 |
| S13<br>2 | 4    | ((84/609).ccls.) and bin and @ay<="2000"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/10/28 13:05 |
| S13<br>3 | 2    | ((84/608).ccls.) and bin and @ay<="2000"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/10/28 13:05 |
| S13<br>4 | 86   | ("84"/\$.ccls.) and (hash or segment) and (signature or watermark\$4 or fingerprint\$4) and @ay<="2000"     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/10/28 13:15 |
| S13<br>5 | 141  | ("704"/\$.ccls.) and (hash or segment) and (signature or watermark\$4 or fingerprint\$4) and @ay<="2000"    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/10/28 13:16 |
| S13<br>6 | 1380 | creat\$4 near2 signature and @ay<="2000"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO      | OR | ON  | 2005/10/29 14:20 |
| S13<br>7 | 8275 | bin\$1 and audio  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO      | OR | ON  | 2005/10/29 14:20 |
| S13<br>8 | 0    | S136 and S137 and codebook  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO      | OR | ON  | 2005/10/29 14:13 |
| S13<br>9 | 55   | S136 and S137 and hash  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO      | OR | ON  | 2005/10/29 14:14 |



|          |      |  |                                      |    |     |                  |
|----------|------|--|--------------------------------------|----|-----|------------------|
| S14<br>0 | 52   | S136 and S137 and hash and select\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/10/29 14:15 |
| S14<br>1 | 3704 | (creat\$4 or generat\$5) near2<br>signature and @ay<="2000"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/10/29 14:21 |
| S14<br>2 | 90   | bin\$1 and audio and codebook  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/10/29 14:21 |
| S14<br>3 | 0    | S141 and S142  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/10/29 14:21 |
| S14<br>4 | 4717 | (creat\$4 or generat\$5) near2<br>(signature or watermark\$4 or<br>fingerprint\$4) and @ay<="2000" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/10/29 14:22 |
| S14<br>5 | 1    | S142 and S144  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/10/29 14:22 |
| S14<br>6 | 1    | ((84/609).ccls.) and (signature or<br>watermark\$4 or fingerprint\$4) and bin                      | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/10/29 14:27 |
| S14<br>7 | 1    | ((84/608).ccls.) and (signature or<br>watermark\$4 or fingerprint\$4) and bin                      | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/10/31 11:33 |
| S14<br>8 | 14   | (("84"/\$).ccls.) and (signature or<br>watermark\$4 or fingerprint\$4) and bin                     | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/10/29 14:28 |
| S14<br>9 | 1    | ("6647345").PN.  | USPAT;<br>USOCR                      | OR | OFF | 2005/10/30 09:27 |
| S15<br>0 | 3494 | code-book or codebook or code adj<br>book and @ay<="2000"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | OFF | 2005/10/31 11:32 |
| S15<br>1 | 2819 | creat\$4 and (signature or<br>watermark\$4 or fingerprint\$4) and bin                              | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/10/31 11:40 |
| S15<br>2 | 15   | S150 and S151  | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/10/31 11:33 |
| S15<br>3 | 52   | creat\$4 adj (signature or watermark\$4<br>or fingerprint\$4) and bin                              | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/10/31 11:41 |

|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S15<br>4 | 0    | S150 and S153  | US-PGPUB;<br>USPAT;<br>USOCR              | OR | OFF | 2005/10/31 11:41 |
| S15<br>5 | 0    | S150 and S153  | EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | OFF | 2005/10/31 11:41 |
| S15<br>6 | 16   | creat\$4 adj (signature or watermark\$4<br>or fingerprint\$4) and bin and<br>@ay<="2000"                           | US-PGPUB;<br>USPAT;<br>USOCR              | OR | OFF | 2005/11/02 12:22 |
| S15<br>7 | 21   | ((700/94).ccls.) and watermark\$4  | US-PGPUB;<br>USPAT;<br>USOCR              | OR | OFF | 2005/11/01 09:30 |
| S15<br>8 | 1    | ("6571144").PN.  | USPAT;<br>USOCR                           | OR | OFF | 2005/11/01 11:33 |
| S15<br>9 | 7    | ("5612943"   "5751806"   "5822432"  <br>"5905800"   "5915027"   "5940134"  <br>"6061793").PN. OR ("6571144").URPN. | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON  | 2005/11/01 11:34 |
| S16<br>0 | 126  | ((702/71-79).ccls.) and (hash or<br>segment) and @ay<="2000"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/11/01 12:59 |
| S16<br>1 | 0    | ((702/71-79).ccls.) and (hash or<br>segment) and codebook and<br>@ay<="2000"                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/11/01 13:00 |
| S16<br>2 | 82   | ((702/71-79).ccls.) and (hash or<br>segment) and (memory or regester)<br>and @ay<="2000"                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/11/01 13:02 |
| S16<br>3 | 3908 | code-book or codebook or code adj<br>book  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO      | OR | OFF | 2005/11/02 10:48 |
| S16<br>4 | 3497 | code-book or codebook or code adj<br>book and @ay<="2000"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO      | OR | OFF | 2005/11/02 10:49 |
| S16<br>5 | 882  | hash adj code  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO      | OR | OFF | 2005/11/02 10:49 |
| S16<br>6 | 0    | waveform near2 tempora\$4 adj<br>aligned   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO      | OR | OFF | 2005/11/02 10:54 |
| S16<br>7 | 0    | waveform near2 tempora\$4 near1<br>string  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO      | OR | OFF | 2005/11/02 10:54 |

|          |    |  |                                      |    |     |                  |
|----------|----|--|--------------------------------------|----|-----|------------------|
| S16<br>8 | 31 | waveform same tempora\$4 same string   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | OFF | 2005/11/02 10:55 |
| S16<br>9 | 0  | S164 and S165 and S168   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | OFF | 2005/11/02 10:55 |
| S17<br>0 | 6  | S164 and S165  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | OFF | 2005/11/02 10:55 |
| S17<br>1 | 52 | (creat\$4 or generat\$4) adj (signature or watermark\$4 or fingerprint\$4) and bin and @ay<="2000" | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/11/02 12:23 |
| S17<br>2 | 35 | "5432852"  | USPAT                                | OR | ON  | 2005/11/03 10:58 |
| S17<br>3 | 1  | ("5432852").PN.  | USPAT;<br>USOCR                      | OR | OFF | 2005/11/02 16:38 |

| Ref # | Hits | Search Query   | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
|       |      | ((380/236-328).ccls.) and bin and @ay<="2000"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2005/10/28 10:52 |
|       |      | ((700/94).ccls.)andwatermark\$4).<br>CCLS.   | USPAT;<br>USOCR                           | OR               | OFF     | 2005/11/02 16:37 |
| L1    | 1    | "6453252"  | USPAT                                     | OR               | ON      | 2005/11/03 10:58 |
| S1    | 196  | ((700/94).ccls.)   | USPAT;<br>EPO                             | OR               | OFF     | 2005/11/01 09:29 |
| S2    | 2    | (("4843562") or ("5210820")).PN.   | USPAT;<br>EPO                             | OR               | OFF     | 2005/04/07 15:01 |
| S3    | 0    | ("distribut\$4adjapplication").PN.   | USPAT;<br>EPO                             | OR               | OFF     | 2005/04/07 16:21 |
| S4    | 1557 | distribut\$4 adj application   | USPAT;<br>EPO                             | OR               | OFF     | 2005/04/07 16:22 |
| S5    | 0    | distribut\$4 adj application same<br>hear\$4 adj aid   | USPAT;<br>EPO                             | OR               | OFF     | 2005/04/07 16:22 |
| S6    | 0    | distribut\$4 adj application same<br>hear\$4 adj aid   | US-PGPUB;<br>USPAT;<br>USOCR              | OR               | OFF     | 2005/04/07 16:22 |
| S7    | 0    | distribut\$4 adj application and hear\$4<br>adj aid  | US-PGPUB;<br>USPAT;<br>USOCR              | OR               | OFF     | 2005/04/07 16:23 |
| S8    | 49   | (("6794566") or ("6356971") or<br>("5640560") or ("5751968") or<br>("6175872") or ("6660922") or<br>("6122230") or ("6161092") or<br>("6212555") or ("6212555") or<br>("6353173") or ("6446073") or<br>("5799063") or ("4956806") or<br>("6005563") or ("6012086") or<br>("6351736") or ("6421750") or<br>("5712949") or ("6434621") or<br>("6539395") or ("5760771") or<br>("6282362") or ("5792972") or<br>("5941951") or ("6011758") or<br>("6093880") or ("6154222") or<br>("6301660") or ("5377997") or<br>("5430872") or ("5481511") or<br>("5525748") or ("5530856") or<br>("5539145") or ("5668334") or<br>("5728962") or ("5737290") or<br>("5740146") or ("5805550") or<br>("5838996") or ("5847304") or<br>("5864868") or ("5869783") or<br>("5952598") or ("5996893") or<br>("6012159") or ("6140568") or<br>("6272658") or ("6366544")).PN. | USPAT;<br>EPO                             | OR               | OFF     | 2005/04/12 15:34 |